

1985

The Two Hundred and Sixteenth Report of the curricular Affairs Committee

University of Rhode Island Faculty Senate

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UNIVERSITY OF RHODE ISLAND
Kingston, Rhode IslandFACULTY SENATE
BILLAdopted by the Faculty Senate

TO: President Edward D. Eddy

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled The Two Hundred and Sixteenth Report of the
Curricular Affairs Committee

_____ ,
is forwarded for your consideration.

2. The original and two copies for your use are included.
3. This BILL was adopted by vote of the Faculty Senate on April 4, 1985
(date).
4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, completing the appropriate endorsement below.
5. In accordance with Section 10, paragraph 4 of the Senate's By-Laws, this bill will become effective on April 25, 1985 (date), three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

April 5, 1985
(date)

Frank M. White
Frank M. White
Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

- a. Approved ☒ _____.
- b. Approved subject to final approval by Board of Governors _____.
- c. Disapproved _____.

4/16/85
(date)

Edward D. Eddy
President

THE UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE

SCHEDULE OF FACULTY SENATE MEETINGS

1985-86

3:00 p.m. on Thursdays In Room 277, Chafee Social Science Center

September 19, 1985

October 10, 1985

October 24, 1985

November 7, 1985

November 21, 1985

December 12, 1985

January 23, 1986

February 13, 1986

February 27, 1986

March 20, 1986

April 3, 1986

April 17, 1986

May 1, 1986

May 15, 1986 (organizational)

The Executive Committee shall meet weekly. The date and time to be determined by the Committee.

THE UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE

March 20, 1985

Faculty Senate Curricular Affairs Committee
Two Hundred and Sixteenth Report

On March 18, 1985, the Faculty Senate Curricular Affairs Committee considered the following matters now presented to the Faculty Senate.

SECTION I

Informational Matters

Honors Program

1. CHANGE: Description for HPR 101, 102, 103 and 104 by deleting "Open only to freshman honors students."
2. CHANGE: Title for HPR 111 through 123 by deleting "Freshman."

SECTION II

Curricular Matters Which Require Confirmation by the Faculty Senate

A. College of Arts and Sciences

Department of Philosophy

- a. ADD: New course code RLS for Religious Studies.
- b. CHANGE: Course code for the following courses to RLS:
 - 1) PHL 111 Comparative Religion (1 and 11,3)
 - 2) PHL 125 Biblical Thought (1,3)
 - 3) PHL 126 The Development of Christian Thought (11,3)
 - 4) PHL 131 Introduction to Oriental Philosophies and Religions (1 and 11,3)
 - 5) PHL 227 Augustine's Confessions (1 and 11,3)
 - 6) PHL 327 Classical Religious Thinkers (1 or 11,3)

- c. CHANGE: Requirements for major in philosophy to read as follows:

Students selecting this field must complete no less than 30 credit hours in philosophy and/or RLS courses included in the following list: RLS 111, 125, 126, 131, 227, 372..."

B. College of Human Science and Services

Department of Textiles, Fashion Merchandising and Design

CHANGE: Requirements for transferring into the Textiles, Fashion Merchandising and Design department's programs as follows:

Students must have completed CHM 103, 105 and CHM 124, 126 before admission into Textiles, Fashion Merchandising and Design department's programs.

C. Section 8.81.72 of the University Manual:

DELETE: The following courses which have not been given for at least four successive years:

BCP 302	HIS 491
ECN 180	IDC 331
EDC 367	MCE 427
EDC 411	PED 352
EGR 101	PLP 377
EGR 114	PSC 470
EGR 203	SPE 300
ELE 484	THE 305
FRN 123	THE 405
GER 391	ZOO 252
GER 393	ZOO 266
HCF 305	ZOO 427
HED 490	ZOO 476
HED 495	

SECTION III

Joint Report of the Curricular Affairs Committee and Graduate Council on 400-Level Courses.

At the March 4 and March 18 meetings of the Curricular Affairs Committee and the March 8 meeting of the Graduate Council, the following matters were considered and are now presented to the Faculty Senate for confirmation.

A. College of Arts and Sciences

1. Department of Biochemistry and Biophysics and Department of Microbiology

ADD: BCP 421 (or MIC 421) Cell Biology and Cancer (1,3) Methods of study of the cancer cell and comparison to normal cell. Emphasis on cell culture experiments. Pre: Any two of the following: BIO

101, 102, BOT 111, ZOO 111 or MIC 201 or 211. Offered in alternate years. Next offered Fall 1986. Fisher

2. Department of Geology

ADD: GEL 487 Quantitative Geology (1,3) Introduction to the management and analysis of data in geology using microcomputers. Applications of statistical, graphic, spreadsheet and other programs to structural geology, geomorphology, petrology, geochemistry, geophysics and sedimentology. (Lec. 2, Lab. 2) Pre: MIH 142, CSC 201 and senior standing or permission of instructor. Frohlich

B. College of Engineering

Department of Industrial and Manufacturing Engineering

a. CHANGE: Credits and description for IME 441 as follows:

IME 441 Metal Casting (1,3) An introduction to the field of metal casting. Areas covered include sand casting, investment casting, die casting, permanent mold casting, risering and gating, alloys, solidification phenomena and casting design. (Lec. 2, Lab. 3) Pre: 240, CHE 333 or 437. Staff

b. ADD: The following new courses:

- 1) IME 443 Machining and Machine Tools (1,3) Machine tool motions, power requirements and machining times. Mechanics and economics of metal machining. Introduction to numerical control and computer-aided programming of CNC machine tools. (Lec. 3) Pre: CVE 220 and IME 440 or 240. Boothroyd or Dewhurst
- 2) IME 444 Assembly and Handling Automation (1,3) Types and economics of automatic assembly systems. Analyses of automatic feeding and orienting techniques for small parts. Application of robots in assembly. (Lec. 3) Pre: MCE 263 and IME 440 or 240. Boothroyd
- 3) IME 446 Metal Deformation Processes (1,3) Study of the characteristics of metal flow under different loading conditions. Theories, capabilities, and limitations of a wide range of deformation processes applied to industrial metalworking. (Lec. 3) Pre: 240 or 440 and CVE 220, CHE 333. Dewhurst

- 4) IME 448 Product Design for Manufacturability (11,3) Introduces techniques for analyzing the suitability of product designs for manufacture. Consideration of the manufacture of the piece parts and the potential for automation in entire products. (Lec. 3) Pre: 240 or 440 and 340, 446. Boothroyd or Dewhurst

UNIVERSITY OF RHODE ISLAND
The Graduate School

CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY SENATE - Report No. 1984-85-9

At its meeting No. 242 held March 8, 1985, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for confirmation as indicated.

I. Matters Requiring Confirmation by the Faculty Senate

A. College of Nursing

1. Changes

NUR 505 Nursing Research - description and prerequisite changed to -

NUR 505 Nursing Research I or II, 3
An overview and study of nursing research. Emphasis on the analysis of current research in nursing with focus on patient care research. Research skills developed further by designing a research project. (Lec 3) Pre: A course in statistics and NUR 501/502 or concurrent enrollment, or permission of instructor.

NUR 510 Advanced Leadership and Nursing Role Development - prerequisite changed to -
Pre: NUR 501/502

B. Graduate School of Library and Information Studies

1. Deletion

LRS 545 Technical Information Centers

C. College of Arts and Sciences

1. The College Writing Program

a. Add (New)

WRT 535 Theories and Strategies in the Teaching of Writing I, 3
An introductory course in theories and pedagogy of rhetoric. Readings and lectures cover the current research in composition, including such areas as ESL and Business/Technical communications. (Lec 3) Pre: Graduate standing or permission of instructor. Martin

WRT 512 Modern Rhetorical Theory II, 3
An introduction to theories of rhetoric and their relation to literature and language. Includes D'Angelo, Kinneavy, Winterowd, Perelman, Booth and Burke. Pertinent related literary works. (Lec 3) Pre: Graduate standing or permission of instructor. Martin/Schwegler

WRT 570, 571 Seminar in Special Rhetorical Problems I, II, 3
Readings in rhetoric which present special problems not addressed by traditional department offerings. Seminar topics may be offered from time to time based upon student request. (Lec 3) Pre: Graduate standing or permission of instructor. Schwegler/Martin

2. Department of Psychology

a. Change

PSY 660 Personality Dynamics II - title and number changed to -
PSY 607 Advanced Psychopathology

D. College of Engineering

1. Department of Chemical Engineering

a. Add (New)

CHE 560 Chemical and Physical Processes in Integrated Circuit Fabrication I, 3
Chemical and physical processes used in the fabrication of integrated circuits and devices. Emphasis will be placed on crystal growth, oxidation, CVD, plasma processes, photochemical processes, solid state diffusion, lithography and their relation to device performance. (Lec 3) Pre: CHE 431, CHE 349, or equivalent. Gregory

b. Change

Deletion of "GRE advanced test" as an admission requirement for the M.S. and Ph.D. in Chemical Engineering.

2. Department of Mechanical Engineering and Applied Mechanics

a. Change

MCE 561 Computational Methods in Mechanical Engineering - title, description, prerequisite changed to -

MCE 561 Computational Methods in Solid Mechanics I or II, 3
Finite and boundary element methods based upon variational and weighted residual concepts; practical implementation to field problems in elasticity, plasticity and heat conduction. (Lec 3) Pre: MCE 373 and one graduate course in elasticity or heat conduction. Kim/Sadd

THE UNIVERSITY OF RHODE ISLAND
Kingston, Rhode Island

FACULTY SENATE

LIBRARY COMMITTEE REPORT
1984-85

Introduction

Last year's Library Committee presented an outline of "a 'Plan of Action' for needed improvements in the URI Library." Like earlier plans, for example, the comprehensive committee report submitted in 1977-78 and The Edge of Excellence report sent to the Board of Governors in 1982, it documented the Library's needs and set forth a series of general recommendations designed to meet those needs. Like earlier reports, also, it concluded that "more supportive administrative policies should be adopted to assure the Library's proper role within the institution." And like earlier reports, finally, it received the overwhelming endorsement of the Faculty Senate.

This year's committee, after reviewing the past reports and hearing a report on the current state of the University Library, decided to concentrate its efforts on implementing the recommendations which resulted from the earlier committees' activities. This decision was not meant to disparage the work of those committees; rather, it was thought most productive to build upon their accomplishments. As a university community, we know what must be done to strengthen the Library so that it can support effectively the educational mission of the University and the research activities of its faculty. The crucial matter involves attaining practical objectives--influencing administrative decisions and developing the will to act.

The beginning point for us was to establish priorities among the recommendations for improvement. There was agreement almost immediately that the highest priority inhered in physical expansion of the Library, for effectuating the other principal recommendations depends in whole or in substantial part on the strategic development of Library facilities. For example, increases in base funding cannot have their intended effect nor additional Library staff be housed satisfactorily until physical expansion occurs. The next highest priority, it was agreed, concerned increasing the Library's capital budget.

Physical Expansion

The available space in the University Library is rapidly being exhausted. As a result, we, as a community, must soon construct new Library facilities or be forced to impose severe restrictions on Library acquisitions and activities. From our committee's perspective, there exists no choice: physical expansion of the Library is essential to maintain the vitality and sustain the growth of the University. Thus, we recommended to Vice President Ferrante and other administrative officials that physical expansion of the